

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Andrew W. Shyjan  
Serial No. : 08/862,442  
Filed : May 23, 1997  
Title : COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION  
AND TREATMENT OF TUMOR PROGRESSION

Art Unit : 1642  
Examiner : J. Burke

Assistant Commissioner for Patents  
Washington, D.C. 20231

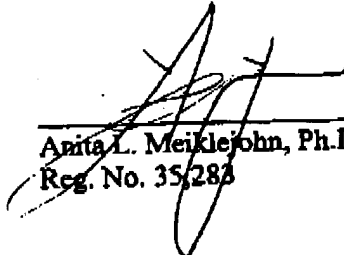
INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed. This statement is being filed after a final Office action, but before receipt of a Notice of Allowance.

A check for \$240.00 in payment of the late submission fee of \$1.17(p) is enclosed.  
Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 1 MARCH 2004

  
Anita L. Meiklejohn, Ph.D.  
Reg. No. 35,288

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
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## CERTIFICATE OF DELIVERY BY HAND

I hereby certify that this correspondence is being delivered by hand on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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Timothy Robinson  
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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR 61.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 07334-004002	Application No. 08/862,442
	Applicant Andrew W. Shyjan			
	Filing Date May 23, 1997		Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,710,137	1/20/98	Fisher	514	44	
	AB	5,837,845	11/17/98	Hosokawa et al.	536	23.53	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	WO 93/22424	11/11/93	PCT				
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
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	AR	Bowie et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions" Science 247:1306, 1990.
	AS	Burgess et al., "Possible Dissociation of the Heparin-binding and Mitogenic Activities of Heparin-binding (Acidic Fibroblast)..." J. Cell. Biol. 111:2129, 1990.
	AT	Fradet et al., "Cell Surface of Human Bladder Cancer Defined by Mouse Monoclonal Antibodies" Proc. Nat'l. Acad. Sci. USA 81:224, 1984.

Examiner Signature	Date Considered
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Substitute Disclosure Form (PTO-1449)

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	AV	Harris et al., "Seminal Vesicle Secretion IV Gene: Allelic Difference Due to a Series of 20-base-pair direct Tandem Repeats within an Intron" Proc. Nat'l. Acad. Sci. USA, 80:6460, 1983.
	AW	Hillier et al., Accession No. N24756, Dec. 28, 1995.
	AX	Kahana et al., "Nucleotide Sequence of Murine Ornithine Decarboxylase mRNA" Proc. Nat'l. Acad. Sci. USA 82:1673, 1985.
	AY	Lazar et al., "Transforming Growth Factor $\alpha$ : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities" Mol. Cell. Biol. 8:1247, 1988.
	AZ	Lewis et al., "The Sequence of the Kluyveromyces Lactis BIP Gene" Nucl. Acids Res. 18:6438, 1990.
	BA	Rieger et al., "Glossary of Genetics and Cytogenetics, Classical and Molecular, Springe-Verlag, Berlin, 4 <sup>th</sup> edition, 1976.
	BB	Schwartz et al., "A Superactive Insulin: [B10-Aspartic Acid] Insulin(Human)" Proc. Nat'l. Acad. Sci. USA 84:6408, 1987.
	BC	Stratagene Catalog, page 39, 1988.

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Substitute Disclosure Form (PTO-1449)

## OFFICIAL FILING RECEIPT CHECKLIST

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PATENT

ATTORNEY DOCKET NO.: 07334-004002

The Patent and Trademark Office date stamp sets forth the date of receipt of:

Applicant or Patentee Andrew W. ShyjanNo. (Application, Appeal, Interference, Patent, Reexam) 08/862,442Filing or Issue Date May 23, 1997Title Compositions and Methods for the Diagnosis

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| <input checked="" type="checkbox"/> Transmittal Letter (2 copies)  | <input type="checkbox"/> With Pet. for Ext.    | <input type="checkbox"/> Status Inquiry                              |
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| <input checked="" type="checkbox"/> PTO 1449 Form - <u>2</u> Pages   |  |  |
| <input checked="" type="checkbox"/> Prior Art References - Number of References <u>14</u>  |  |  |
| <input type="checkbox"/> Drawings <u>      </u> Sheets Formal <u>      </u> Sheets Informal <u>      </u> Sheets Amended <u>      </u> |  |  |
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| <input type="checkbox"/> Small Entity Statement  |  |  |
| <input checked="" type="checkbox"/> Other <u>Declaration by Andrew W. Shyjan</u>   |  |  |

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- ( ) Inventor(s) named on the filing receipt and the inventor(s) named in the declaration/filing request match
- ( ) Title noted on filing receipt and on the application match

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No. : 08/862,442  
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Assistant Commissioner for Patents  
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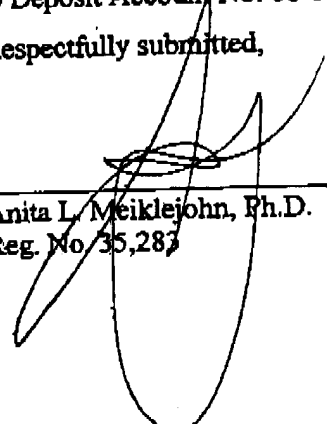
INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed. This statement is being filed with a "CPA" application.

Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 22 MAY 2000

  
Anita L. Meiklejohn, Ph.D.  
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## CERTIFICATE OF MAILING BY EXPRESS MAIL

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Date of Deposit

May 22, 2000

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Samantha Bell  
Typed or Printed Name of Person Signing Certificate

Sheet 1 of 2

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07334-004002	Application No. 08/862,442
	Applicant Andrew W. Shyjan		
	Filing Date May 23, 1997	Group Art Unit	

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Examiner Signature

Date Considered

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Substitute Disclosure Form (PTO-1449)

Sheet 2 of 2

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	<b>Applicant</b> Andrew W. Shyjan		
	<b>Filing Date</b> May 23, 1997	<b>Group Art Unit</b>	

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	BA	Rieger et al., "Glossary of Genetics and Cytogenetics, Classical and Molecular, Springe-Verlag, Berlin, 4 <sup>th</sup> edition, 1976.
	BB	Schwartz et al., "A Superactive Insulin: [B10-Aspartic Acid] Insulin(Human)" Proc. Nat'l. Acad. Sci. USA 84:6408, 1987.
	BC	Stratagene Catalog, page 39, 1988.

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Art Unit : 1642  
Examiner : E. Canella

Commissioner for Patents  
Washington, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

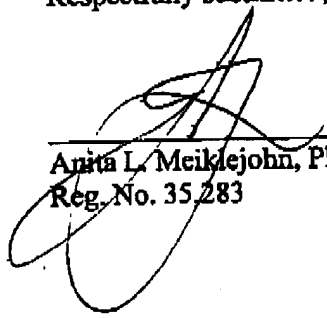
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This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$240 in payment of the late submission fee of \$1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: \_\_\_\_\_

11 AUG 2000

  
Anita L. Meiklejohn, Ph.D.  
Reg. No. 35,283

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

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## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

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Carrie A. Amonte



Sheet 1 of 1

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. <b>07334-004002</b>	Application No. <b>08/862,442</b>
	Applicant <b>Andrew W. Shyjan</b>			
	Filing Date <b>May 23, 1997</b>		Group Art Unit <b>1642</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,674,739	10/7/97	Shyjan	435	252.3	
	AB	5,633,161	5/27/97	Shyjan	435	325	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	WO 86/03226	5 JUN 86	PCT				
	AM	WO 92/21781	10 DEC 92	PCT				
	AN	WO 95/05470	23 FEB 95	PCT				
	AO	WO 92/15602	17 SEP 92	PCT				
	AP	WO 94/21115	29 SEP 94	PCT				

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	Wang et al., "Identification and Molecular Cloning of Tactile" J. of Immun. 148(8):2600-2608, 1992.
	AR	
	AS	
	AT	

Examiner Signature	Date Considered
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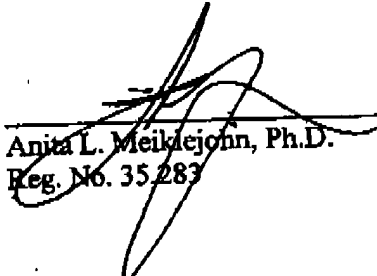
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Respectfully submitted,

Date: 27 Sept 2000

  
Anita L. Meiklejohn, Ph.D.  
Reg. No. 35,283

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

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## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

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Sheet 1 of 2

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	GenBank Accession No. N42635, Hillier et al., January 25, 1996.
	AR	GenBank Accession No. N32151, Hillier et al., January 10, 1996.
	AS	GenBank Accession No. N24756, Hillier et al., December 28, 1995.
	AT	GenBank Accession No. N24164, Hillier et al., December 28, 1995.
	AU	GenBank Accession No. H98055, Hillier et al., December 12, 1995.
	AV	GenBank Accession No. N22835, Hillier et al., December 28, 1995.
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